

WETHERBY

Rural District Council.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

SURVEYOR AND

INSPECTOR OF NUISANCES

FOR THE

YEAR 1920.

WETHERBY:
PRINTED BY HENRY CROSSLEY, "NEWS" OFFICE.

Digitized by the Internet Archive
in 2018 with funding from
Wellcome Library

https://archive.org/details/b30267869

Wetherby Rural District Council.

REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE

YEAR ENDING 31st DECEMBER, 1920.

TO THE WETHERBY RURAL DISTRICT COUNCIL.

Mr. Chairman and Gentlemen,

I beg to submit to you the following Report upon the Health of your District during the year 1920.

NATURAL AND SOCIAL CONDITIONS.

(a) Population.

I am anticipating the forthcoming Census figures as furnishing much useful information. It will be remembered that the estimated Census figures for 1919 showed a decrease of over 1,200 compared with 1911. With regard to this I have two observations to make:—

(I) A fairly steady decrease of the Indigenous population, especially of the younger members, continues to be maintained, unrest and desire for change having been fostered by the War.

(II) A considerable increase of the migratory population during seven or eight months of the year. Here there are two contributory causes at work, viz., the claim of the Wetherby District as a holiday centre, and also its ready accessibility from both Leeds and Bradford.

This has undoubtedly a beneficial effect upon local trade. It may be, on the other hand, a source of infection, i.e., from children and others convalescing in the neighbourhood.

It also suggests the desirability of building a special type of house to accommodate summer visitors. Certainly, Wetherby presents possibilities in this direction.

TABLE D.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1920 AND PREVIOUS YEARS.

Year.	Population estimated Middle of each Year.	BIRTHS. Uncorrected Number.	BIRTHS. Nett. Number.	BIRTHS. Nett. Rate.	TOTAL DEATHS Registered in the District. Number.	TOTAL DEATHS Registered in the District. Rate.	TRANSFERABLE DEATHS. Of Non-residents registered in the District.	TRANSFERABLE DEATHS. Of Residents not registered in the District.	NETT DEATHS Belonging to the District. Under 1 Year. No.	Under 1 Year. Rate per 1000 Nett Births.	At all Ages. Number.	At all Ages. Rate.
1911	16210	—	331	20·41	198	12·20	9	19	33	99·69	208	12·83
1912	16236	—	299	18·41	175	10·77	–	16	17	56·85	191	11·76
1913	15149	—	251	16·56	171	11·22	5	20	10	39·84	186	12·27
1914	15226	—	264	17·33	169	11·09	13	21	21	79·54	177	11·62
1915	15226	—	253	16·61	175	11·49	7	19	18	71·14	187	12·28
1916	15107 B 13885 D	—	235	15·55	169	14·33	3	30	13	56·31	196	14·11
1917	14101 B 12650 D	—	205	14·53	165	13 04	13	29	16	78 04	181	14·30
1918	14119 B 12601 D	—	205	14·52	191	15·15	16	18	15	73·12	193	15·31
1919	13241 B 12711 D	—	171	12·90	166	13·05	6	22	8	46·78	182	14·31
1920	13217	—	203	15 35	158	11·95	16	25	19	93·59	167	12·71

NOTE.—In accordance with the Ministry of Health's suggestion, the figures for 1916, 1917, 1918, 1919, and 1920 are based upon the Registrar General's calculations.

Area of District in acres (land and inland water)	65802
Total Population at all ages (1911 Census)	16210
Total Families or separate occupiers (1911 Census)	3709

(B) VITAL STATISTICS.

Death Rate		12·77
Birth Rate		15·35
Infantile Mortality	...	93 59 (per 1,000 births).

By comparison we see :—

	Birth Rate.	Death Rate.	Infantile Mortality per 1,000 Births.
England and Wales	25·4	12 4	80
96 Great Towns, including London (Census population exceeding 50,000)	26 2	12·5	85
148 Smaller Towns (Census populations 20,000—50,000)	24 9	11·3	80
London	26 5	12·4	75
Wetherby R.D.	15·35	12 71	93·59

CAUSES OF DEATH IN WETHERBY RURAL DISTRICT.

	1920.
Measles	1
Scarlet Fever	1
Whooping Cough	1
Influenza	5
Pulmonary Tuberculosis	5
Cancer, malignant disease	17
Organic heart disease	27
Bronchitis	11
Pneumonia (all forms)	11
Other respiratory diseases	3
Appendicitis and typhlitis	2
Cirrhosis of Liver	1
Nephritis and Brights Disease...	7
Puerperal Fever	2
Parturition, apart from puerperal fever	1
Congenital debility, etc.	10
Violence apart from Suicide	5
Suicide	2
Other defined diseases	55
Total ...	167

DEATH RATE.—Table Showing Ages at Death.

0 — 1	1 — 2	2 — 5	5 — 15	15 — 25	25 — 45	45 — 65	65 & over.
19	2	2	4	1	24	37	78

TABLE SHOWING NUMBER OF DEATHS OVER 65.

65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81
3	6	2	3	3	4	4	3	1	5	5	9	4	5	2	2	4

82	83	84	87	88	89	90
4	2	2	1	2	1	1

A perusal of the foregoing Tables shews a higher death rate and an increased infantile mortality rate compared with the rest of the country, and also with your own District last year, which were respectively **Death Rate** 14.31; **Infantile Mortality Rate** 46.78.

A closer examination of the figures yields a perfectly adequate explanation of both phenomena.

To deal with the Death Rate first—The tendency of the healthy youth of the country side to leave the district has the effect of causing a disproportion between the remaining numbers of the stronger and of the more enfeebled members of the community. The adverse effect upon the Death Rate of the influx of persons beyond middle life who come to the District on retirement, must also be given due weight.

This comes out most strikingly on making an analysis of the respective ages at death, when it is seen that 46.74 per cent. of such deaths occur over the age of 65 years, and further, that of these, no less than 19 had attained over 80 years.

The purely numerical or statistical aspect of the question must not be studied in isolation from these considerations, and it will then be demonstrated to rest upon a logical basis.

With regard to the increase in the Infantile Mortality Rate —Premature Births, to the extent of 50 per cent. is the greatest factor, other contributory causes being several cases of malformation, two died from Pneumonia, one from Whooping Cough, and two from Bronchitis.

Thus the number of actual preventable deaths are reduced to 6 or 7 out of a total number of births returned as 203.

STATEMENT OF THE NUMBER OF PAUPERS RELIEVED ON THE 1st JANUARY, 1921.

The following Table shows the number of Paupers in the District on 1st January, 1921:—

Paupers in Institutions.

(Indoors, excluding Casuals)

Adults (1)—Ordinararily able-bodied	–
,, (2)—Not able-bodied	44
,, (3)—Children under 16	10
,, (4)—Insane	–
,, (5)—Total	54
Lunatics in County and Borough Asylums, Registered Hospitals, and Licensed Houses	26

Outdoor Paupers.

(Excluding Casual Paupers).

Adults (7)—Relieved on account of sickness or accident or bodily or mental infirmity	32
,, (8)—Relieved on account of other causes ...	14
,, (9)—Women relieved with their husbands ...	7
,, (10)—Children under 16, including Boarded-out...	63
,, (11)—Insane	–
,, (12)—Total	116
,, (13)—Casual Paupers	3
,, (14)—Total Paupers relieved after deducting the number counted twice under Nos. 5, 6, 12 and 13	199
,, (15)—Increase as compared with the numbers on 1st January, 1920	8

Cost of In-maintenance year ended 30th Sept., 1920...	£2022 16 0
Amount of Out-door Relief for the Wetherby Union year ended 30th Sept., 1920	1013 19 9
Boarded-out Children ,, ,, ...	204 13 3
Cost of Maintenance of Lunatics year ended 30th Sept., 1920	1779 5 7

SANITARY CIRCUMSTANCES OF THE DISTRICT.

Water.

The work in this direction maintains a steady rate of progress as will be realised on comparing the appended Table I.

During the year 14 additional houses have been connected to the mains of the Wetherby District Water Company, one additional house has been connected to the Leeds Corporation mains, and five to our own supply at Kirkby Overblow.

17 samples were taken for analysis and 6 of these were found to be seriously polluted and one to be suspicious.

Of these it was necessary to condemn four and close the source of supply; negotiations are being carried on in regard to two other supplies.

The well forming the supply of the suspicious sample has been thoroughly cleansed, and further samples will be investigated at intervals.

The filtration plant at the Walton Head Waterworks has been found to be slightly inadequate for the increased amount of water required by the addition of the new houses and an enlargement of the same is to be carried out in the coming year.

TABLE I.

a Parishes.	Inhabited houses. 1901.	1911.	Number of houses supplied. 1904.	1915.	1916.	1917.	1918.	1919.	1920.
Wetherby	456	538	328	436	438	439	435	450	458
Boston Spa ...	336	347	247	340	340	341	345	345	346
Thorparch	61	70	24	31	38	46	50	51	51
Collingham ...	83	125	69	131	131	131	132	132	133
East Keswick ...	101	122	103	111	111	111	109	109	109
East Rigton ...	–	–	13	21	21	21	20	20	20
Bardsey	63	69	13	20	20	20	19	19	19
Linton	35	35	17	30	30	30	30	30	32
Kirk Deighton ...	75	79	6	16	27	29	44	53	53
Clifford	176	187	20	109	111	122	128	138	138
Bramham	225	233	68	127	129	129	137	138	138
Scarcroft	57	65	–	29	29	29	30	32	35
Thorner	225	255	–	127	128	129	133	137	138
Walton	39	40	–	38	38	39	37	37	37
Micklethwaite ...	17	16	–	11	11	11	12	12	12
	1958	2181	929	1577	1602	1627	1661	1703	1719
*Weeton	99	117	–	110	110	103	103	103	104
*North Rigton ...	87	94	–	6	6	11	11	11	11
*Wigton	49	55	–	52	52	46	46	46	46
†Harewood ...	126	131	–	101	101	101	101	101	101
‡Kirkby Overblow	66	75	–	19	29	30	31	31	36
	2385	2673	929	1865	1900	1918	1953	1995	2017

a Supplied by the Wetherby District Water Company.
* Supplied by the Leeds City Council.
† Private Supply of the Earl of Harewood.
‡ Supplied by the Wetherby Rural District Council.

Rivers and Streams.

Two cases of house drainage polluting streams have been dealt with during the year.

Drainage and Sewerage.

Particulars are supplied in the Sanitary Inspector's Report of various extensions of existing sewers carried out and other repairs established.

The only important sewerage question engaging your Council's attention at the present time is the one at Thorparch. Several Special Meetings have been held and the question carefully studied; the chief difficulty is the cost of the work, and your Council eventually decided to ask an Engineer to submit a Report.

Closet Accommodation.

The aggressive policy steadily pursued by your Sanitary Inspector is resulting in a greatly accelerated rate of progress in this direction, which is both highly desirable and gratifying. The marked advances that have been made since he took over this work can be readily seen by references to that part of his Report and by the contrast he there brings out. The figures speak for themselves. The following Table shows the work done in 1920 and previous years.

TABLE II.

	1916.	1917.	1918.	1919.	1920.
New Drains constructed	302	112	67	155	254
Drains re-constructed	3	28	21	10	15
Inspection or Intercepting Chambers	72	33	14	42	57
New connections to Sewers ...	33	5	1	14	7
Cesspools abolished	5	—	3	2	2

TABLE III.

New Closets constructed	18	7	5	21	29
Privy Middens converted into W.C.'s	13	2	2	12	18
Privy Middens converted into Pail Closets	—	—	3	1	6
Pail Closets converted into W.C.'s..	8	10	2	2	22
Water Closets erected with new houses	12	2	—	21	9
New Pail Closets erected with new houses	4	—	—	—	5
Pail Closets and W.C.'s repaired ...	—	46	23	14	20
New Pail Closets erected	—	2	—	—	10

TABLE IV.

Years.	New Drains Constructed.	New Water Closets and Privies converted to Water Closets.
1903	37	7
1904	59	No record.
1905	222	5
1906	42	33
1907	47	2
1908	96	23
1909	175	48
1910	347	52
1911	707	49
1912	985	70
1913	960	43
1914	205	56
1915	429	78
1916	302	51
1917	112	17
1918	67	9
1919	155	35
1920	254	69

Scavenging.

The return to the more normal conditions which now obtain has led, as was confidently expected, to a diminution to a minimum in the number of complaints.

The improvements in the general sanitary arrangements throughout the District have resulted in a slight decrease in the amount of refuse removed. Such work, has however, in common wih the rest of the country, cost your Council more, especially in the Parishes of Wetherby and Boston Spa. This is mainly accounted for by the higher cost of labour and of provender, and in addition to this in Wetherby the purchase of a new horse necessitated an outlay of £140. The rates for contract work remain about the same.

46 new galvanised iron dust bins were provided, a considerable increase on the last two years when the numbers were respectively—**1919,** 7; **1918,** 9.

TABLE. V.

COST OF HOUSE SCAVENGING.

	1911. £	1912. £	1913. £	1914. £	1915. £	1916. £	1917. £	1918. £	1919. £	1920 £
*Wetherby	*299*	*320*	*232*	*276*	*292*	*317*	*300*	*321*	*413*	*666*
*Boston Spa... ...	*163*	*202*	*163*	*157*	*158*	*194*	*201*	*234*	*280*	*413*
†Bramham	*50*	*48*	*44*	*38*	*38*	*44*	*39*	*40*	*51*	*45*
†Thorner	*79*	*82*	*91*	*98*	*104*	*127*	*88*	*117*	*112*	*115*
†Clifford...	*59*	*49*	*39*	*47*	*34*	*49*	*30*	*66*	*62*	*66*
†Spofforth	*46*	*30*	*39*	*46*	*48*	*45*	*51*	*43*	*52*	*51*
†Weeton	*134*	*124*	*124*	*132*	*138*	*65*	*67*	*68*	*73*	*86*
†Collingham... ...	*62*	*66*	*64*	*42*	*42*	*56*	*63*	*61*	*68*	*81*

* Council's own Workmen. † By Contract.

Sanitary Inspection of District.

Your Sanitary Inspector, Mr. Gray, by his unremitting industry and judicious methods of treatment, continues to merit a high place in your esteem. As my chief agent in assisting me in the preventative work I have nothing but praise for his valuable help. I am amply confirmed in this judgment by the information given in his Report.

TABLE VI.

	1916.	1917.	1918.	1919.	1920.
Number of Premises visited	*798*	*596*	*748*	*662*	*862*
Number of Visits to premises	*2802*	*2519*	*1972*	*2238*	*2470*
Chief nuisances found were as follows:—					
Houses Badly Drained	*36*	*15*	*2*	*24*	*23*
Houses Dirty	*10*	*5*	*4*	*2*	*6*
Houses Overcrowded	*6*	*6*	*1*	*1*	*4*
Dilapidated Cowsheds, Pigsties, etc. ...	*27*	*12*	*11*	*10*	*9*
Dilapidated and Offensive Privies ...	*77*	*63*	*24*	*37*	*69*
Drains temporarily stopped	*30*	*72*	*68*	*54*	*66*
Lack of Water for domestic purposes ...	*23*	*25*	*35*	*43*	*20*
Total nuisances found	*621*	*304*	*302*	*366*	*399*

A summary of the work done under the Sanitary Inspector's supervision will be found in the Table of Nuisances reported and abated, supplied at the end of his Report. It is there stated that:—

1235 Notices and Letters were issued.
396 Nuisances found.
438 Nuisances abated.
208 Houses were inspected.
254 New Drains constructed.
239 Drains disconnected from Outfall.

The most noteworthy feature in connection with the preceding figures is the reduction in the number of unabated nuisances. This favourable result is entirely due to perseverance on the part of the Inspector in conjunction with the Special Sub-committee.

Premises and Occupations which can be controlled by Bye-laws and Regulations. Organised inspection has gone steadily forward in this direction. It is somewhat discouraging to have to report a relapse regarding the previous high standard of cleanliness of Cow Sheds. As labour shortage is responsible for this, little can be done beyond remonstrance and strict superintendence.

Your District is happily free from any form of smoke nuisance, and the only other possible sources likely to exercise a deleterious effect upon the health of the people are all maintained in a satisfactory condition. Their nature is set out below:—

1 Knacker's Yard.
1 Fat and Bone Dealer.
1 Soap Manufacturer.

To summarise the work under this heading—212 visits have been paid to 142 Cow Sheds, 157 visits to 96 Workshops, and 180 visits to 25 Slaughterhouses.

TABLE OF WORKSHOPS.

Bakers, etc.	14	Joiners	14
Boot Repairers	8	Laundries	12
Blacksmiths	9	Plumbers & Tinners	5
Blouse & Shirt Factories ...	1	Painting Work	2
Coopers	1	Saddlers	5
Dressmakers	10	Sawmills	1
Engineers (Motor)	6	Tailors	10
			98

Schools.

The influence of the unseasonably mild weather last winter displayed itself in the higher per centage of School closures, a total of 47 weeks, compared with 11 weeks a year ago. In one case this was advisable on account of Influenza; three Schools were closed for Chicken Pox; three for Whooping Cough; and six for Measles. None of the outbreaks were of a severe character.

SCHOOL CLOSURE DURING 1920.

	Chicken Pox.	Influenza.	Measles.	Whooping Cough.
Bramham Council	5 weeks.	–	–	–
Boston Spa Church ...	–	–	2 weeks.	–
Clifford Council	–	–	–	3 weeks.
Kirk Deighton	–	–	3 weeks.	–
Long Marston Church ...	–	–	4 weeks.	–
Ribston Little	–	3 weeks.	–	–
Spofforth	2 weeks.	–	–	–
Thorner Council	–	–	–	5 weeks.
Thorner Church	–	–	–	5 weeks.
Weeton National	–	–	4 weeks.	–
Wike	1 week.	–	–	–
Wetherby Council	–	–	5 weeks.	–
Wetherby Church	–	–	5 weeks.	–

FOOD.

(a) Milk Supply.

The excellence of the quality of the locally produced milk continues to be maintained, and as the quantity available is in excess of the needs of the District, no inconsiderable amount is despatched to the towns near.

Numerous samples, 47 in all, were taken for analysis, and with the exception of two, were all found to be above suspicion. A deficiency in the fat contained was reported in these particular cases, and a caution to that effect issued.

MILK (MOTHERS AND CHILDREN) ORDER 1919.

There was little occasion to take advantage of this Order, and only one or two applications were made.

(b) Meat.

Meat inspection forms a heavy item in the work of the Sanitary Inspector, especially now that there are scattered throughout the District 17 houses licensed for slaughtering, whereas a year ago there were but 8.

In all 187 visits were made, and each of the 25 Slaughter-houses in the District was reported to be in a clean condition. Two carcases of cows were condemned for tuberculosis; in one the pluera lungs and peritoneum were affected, and in the other the lungs generally; in this latter cirrhosis of the liver was also present. These were dealt with by the Sanitary Department in the approved manner.

There was an isolated case of Swine Fever in the neighbourhood, but the prompt action of the Police in destroying two animals which were condemned, fortunately stamped the disease out.

(c) Other Foods.

47 samples, representing a variety of foods, were taken for analysis by the County Authorities, vide Mr. Gray's Report. It is pleasing to record that with the solitary exception of a doubtful specimen of Cornflour, all were found to be up to the standard. The deviation in the case referred to was not sufficiently definite to justify any action being taken.

TABLE A.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1920.

Notifiable Disease.	At all ages.	Number of cases notified. At Ages—Years. Under 1 year.	1 & under 5 yrs.	5 & under 15 yrs.	15 & under 25 yrs.	25 & under 45 yrs.	45 & under 65 yrs.	65 & upwards.	Total Cases Notified in each Locality (e.g., Parish or Ward) of the District. Bardsey	Bickerton	Boston Spa	Bramham	Clifford	Collingham	Dunkeswick	Harewood	Kirkby Overblow	Micklethwaite	Scarcroft	Sicklinghall	Spofforth	Thorner	Thorparch	Tockwith	Weeton	Wetherby	Total cases removed to Hospital.
Small-Pox																											
Cholera (C), Plague (P)																											
Diphtheria (including Membranous Croup)	14			11	3						4		5	1								3	1				9
Erysipelas	4			1			3			1		1								1						1	
Scarlet Fever	18			14	1	3				2	8	2							1		2		1		1	1	13
Typhus Fever																											
Enteric Fever	2					1	1					1														1	1
Relapsing Fever (R)																											
Continued Fever (C)																											
Puerperal Fever																											
Cerebro-Spinal Meningitis																											
Ophthalmia Neonatorum	1	1																				1					
Pulmonary Tuberculosis	6			1	1	3	1					1				1						1		2	1		
Other forms of Tuberculosis																											
Poliomyelitis																											
Pneumonia, Dysentery, etc.	20	1		7	3	2	1	6	1						2		1	1			1	3			1	10	
Totals	65	2	–	34	8	9	6	6	1	3	12	5	5	1	2	1	1	1	1	1	3	8	2	2	3	13	23

TABLE B.

TABLE OF NOTIFICATIONS.

1920. PARISH.	Pulmonary Tuberculosis.	Pneumonia, &c.	Diphtheria.	Erysipelas.	Scarlet Fever.	Enteric Fever.	Ophthalmia Neonatorum.	TOTAL.
Bardsey	–	1	–	–	–	–	—	1
Bickerton...	–	–	–	1	2	–	—	3
Boston Spa	–	–	4	–	8	–	—	12
Bramham	1	–	–	1	2	1	—	5
Clifford	–	–	5	–	–	–	—	5
Collingham	–	–	1	–	–	–	—	1
Dunkeswick	–	2	–	–	–	–	—	2
Harewood	1	–	–	–	–	–	—	1
Kirkby Overblow	–	1	–	–	–	–	—	1
Micklethwaite	–	1	–	–	–	–	—	1
Scarcroft	–	–	–	–	1	–	—	1
Sicklinghall	–	–	–	1	–	–	—	1
Spofforth	–	1	–	–	2	–	—	3
Thorner	1	3	3	–	–	–	1	8
Thorparch	–	–	1	–	1	–	—	2
Tockwith	2	–	–	–	–	–	—	2
Weeton	1	1	–	–	1	–	—	3
Wetherby	–	10	–	1	1	1	—	13
TOTALS	6	20	14	4	18	2	1	65
January	—	3	3	—	3	—	—	9
February	2	7	2	—	3	1	—	15
March	—	2	1	—	3	—	—	6
April	—	—	—	—	—	—	—	—
May	—	5	—	—	3	—	—	8
June	—	2	4	—	1	—	—	7
July	—	—	2	—	1	—	—	3
August	—	—	—	2	—	1	—	3
September	1	—	—	—	1	—	—	2
October	—	—	1	1	—	—	—	2
November	2	—	—	—	3	—	1	6
December	1	1	1	1	—	—	—	4
TOTALS	6	20	14	4	18	2	1	65

TABLE C.

INFANT MORTALITY, 1920.

Nett Deaths from stated Causes at various ages under 1 year of age.

Cause of Death.	Under 1 week.	1—2 weeks.	2—3 weeks.	3—4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year.
All Causes										
Certified										
Uncertified										
Small Pox										
Chicken Pox										
Measles										
Scarlet Fever										
Whooping Cough	-	-	-	-	-	-	-	1	-	1
Diphtheria and Croup										
Erysipelas										
Tuberculosis Meningitis... ...										
Abdominal Tuberculosis ...										
Other Tuberculosis Diseases..										
Meningitis (not Tuberculosis).										
Convulsions...										
Laryngitis										
Bronchitis	-	-	1	-	1	-	1	-	-	2
Pneumonia (all forms)	-	-	-	-	-	1	-	1	-	2
Diarrhœa										
Enteritis										
Gastritis										
Syphilis										
Rickets...										
Suffocation—Overlying										
Injury at Birth										
Atelectasis										
Congenital										
Malformation										
Premature Birth	3	2	2	1	8	-	-	1	-	9
Atrophy, Debility, &c.										
Other Causes	1	2	-	-	3	-	1	1	-	5
TOTALS	4	4	3	1	12	1	2	4	–	19

Nett Births Registered during the Calender Year	Legitimate	183	
	Illegitimate	20	
			203
Nett Deaths Registered during the Calendar Year	Legitimate Infants ...	19	
	Illegitimate Infants ...	—	
			19

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASE.

A survey over the three preceding Tables discovers a slight increase in the incidence of Zymotic Disease, but even so, these results compare favourably with the experience of the rest of the County and of the country in general.

Influenza

Of an epidemic type has fortunately not been prevalent during the year, and I have not received any applications from the Practitioners in this area for supplies of the Anti-influenza Vaccine issued to all Medical Officers of Health in readiness against an outbreak.

Pneumonia, Malaria, Dysentery, and Trench Fever.

There was a total of 20 cases of Pneumonia; 3 were of the Influenzal, 8 Influenzal Broncho, and 9 Lobar type. Eleven of the patients succumbed.

There was an absence of both Dysentery and Malaria cases.

One case of suspected Rabies was reported from Sicklinghall, but on investigation it proved to be a false alarm.

Tuberculosis.

Six cases of Pulmonary Tuberculosis were notified in the course of the year, of which two were discharged soldiers. There were no other forms of Tuberculosis notified.

Arrangements have been made at the Marguerite Home, Thorparch, for the admission of a limited number of Non-pulmonary Tuberculous children. The Institution is capable of accomplishing some good work and is undergoing considerable extension. There is now accommodation for 60 or 70 children.

Maternity and Child Welfare.

In September last, when the County took over the Wetherby Voluntary Child Welfare Centre, I was asked to continue to act as Medical Officer thereto, to which I agreed. Meetings are held on alternate Thursdays with an average of 18 Mothers and 20 Children. The helpfulness of this work has become more recognised by parents, as early signs of mischief can thus be detected and damage of a permanent nature often prevented.

Ophthalmia Neonatorum.

One case was reported which cleared up entirely and there was no permanent injury to the eyes.

Sanitary Work—Staff.

Sanitary Inspector, including Building Surveyor, Mr. T. V. Gray, assisted by Clerks.

Hospital Accommodation.

The destruction by fire of the principal block at your Isolation Hospital has proved a serious drawback to the efficiency of your Isolation Hospital. As it is to-day it is both inadequate for your requirements and structurally inefficient. The matter has received careful attention during the year, and at the instigation of the County Council Health Department negotiations have been opened with the Harrogate and Knaresborough Joint Hospital Board. The negotiations were still proceeding at the end of the year.

Chemical and Bacteriological Work.

The Public Health Laboratory at Wakefield still undertakes this important work. During the past year a total of 80 specimens from this District have been examined and reported upon by them. Several ill-defined cases of Diphtheria were encountered, and it was particularly useful to have confirmation or otherwise of the diagnosis by such examination.

HOUSING.

I (a) Extent of Shortage or Excess of Houses.

It is estimated that to adequately meet the needs of the District 298 Houses will be required. Taking the estimated population at 13,757 this would give a ratio of 3.7 per House. This is noteworthy in face of the House famine which prevails, but the new Census figures will give much assistance in this matter.

(b) Shortage.

The amount of actual building work accomplished by your Housing Committee has not been so great as anticipated 12 months ago, but a perusal of Mr. Gray's Report in regard to sites purchased and plans approved is very satisfactory.

Estimates were forwarded to the Housing Commissioner's Department in November last, but had not been accepted at the close of the year, consequently no actual construction has been commenced.

The tendency to a reduction in cost of erection should facilitate progress in the near future.

During the year 14 new Houses have been built, and alterations to 4 existing Houses made; one condemned House has been re-constructed, and two large Houses converted into separate dwellings. In three cases persons availed themselves of the facilities given under the Government Subsidy Scheme. Three wooden Houses were also erected as permitted under the Relaxation of Building Bye Laws Regulations.

Alterations affecting 4 new Houses, 4 conversions of large Houses, and 2 alterations were in hand at the close of the year.

Sufficient land has been acquired during the year in different parts of the District to form sites for 56 Houses. In addition, the purchase of other sites to the extent of providing for 106 Houses is in contemplation. Negotiations are also proceeding in respect of land at Bardsey, Thorner, and Tockwith.

A Public Utility Society has been formed at Clifford for the erection of Houses under the Government Subsidy Scheme.

(c) Population.

It seems probable that, at all events in the immediate future, the influx to and the exodus from the District will balance each other.

II Overcrowding.

The efforts of your Sanitary Department are resulting in a gradual but still quite perceptible decrease in overcrowding. This becomes apparent on comparing the present number, 56, with the figures for 1911, when there were 96 on the Register. When it is remembered that during half of the intervening period between these two dates War conditions effectually brought all constructive work to a standstill, it must be admitted that this is commendable.

Two cases of overcrowding were dealt with during the year.

III. Fitness of Houses.

(1) a. Referred to the requirements of the Ministry of Health your District attains a good standard generally.

b. The defects which are found are almost entirely due to age, and the unavoidable postponement of necessary repairs during the War, e.g., damp walls, broken spouting, etc.

There are 18 condemned Houses in your District.

(2) a. During the year 90 Houses were inspected, and of these 42 were defective. The preliminary notice prescribed by the Public Health Acts met in every case with a satisfactory response.

(3) The chief difficulty in dealing with condemned and seriously unfit Houses, is the absence of other suitable accommodation.

(4) Much excellent work has been done by the Sanitary Department in steadily substituting w.c.'s in place of the insanitary Privy Middens and Privy Closets. Such remedial measures have a most advantageous influence on the health of the District.

IV. Unhealthy Areas.

The area at Bramham scheduled in the Return to the Ministry of Health, 1919.

V. Public Lavatory.

Many complaints have been received during the year from residents and visitors at Wetherby and Boston Spa regarding the absence of Public Lavatory Accommodation in these two Parishes.

Throughout the Spring, Summer, and Autumn great numbers of people visit the District chiefly in Char-a-bancs; there are often as many as 20 of these conveyances present at a time, and the only accommodation at present is such as is provided at Licensed Houses and Confectioners' Shops and is quite inadequate. The consequence is great annoyance to the public, and the committing of objectionable nuisances which cannot be regarded otherwise than as a serious menace to the Public Health. I hope the opposition shown on the part of Boston Spa will be withdrawn and useful co-operation substituted.

I am, Gentlemen,

Your obedient Servant,

31st March, 1921. **J. A. HARGREAVES.**

APPENDICES. HOUSING CONDITIONS. STATISTICS.

1.—GENERAL. Year Ended 31st December, 1920.

1.	Estimated population (Registrar General's Estimate 13217) ...	13757
2.	General death-rate	11·95
3.	Death-rate from tuberculosis	·037
4.	Infantile mortality	93·59
5.	Number of dwelling-houses of all classes...	3527
6.	Number of working class dwelling-houses (under £16) ...	2730
7.	Number of new working class houses erected	17

2.—UNFIT DWELLING-HOUSES.

I. Inspection.

1.	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	181
2.	Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	90
3.	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation..	—
4.	Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	42

II. Remedy of defects without Service of formal Notices.

	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	42

III. Action under Statutory Powers.

A. Proceedings under section 28 of the Housing, Town Planning &c. Act, 1919—

1.	Number of dwelling-houses in respect of which notices were served requiring repairs	—
2.	Number of dwelling-houses which were rendered fit—	
	(*a*) by owners	—
	(*b*) by Local Authority in default of owners	—
3.	Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	—

B. Proceedings under Public Health Acts—

1.	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	42
2.	Number of dwelling-houses in which defects were remedied—	
	(*a*) by owners	—
	(*b*) by Local Authority in default of owners	—

C. Proceedings under sections 17 and 18 of the Housing, Town Planning &c. Act, 1909—

1.	Number of representations made with a view to the making of Closing Orders	—
2.	Number of dwelling-houses in respect of which Closing Orders were made	—
3.	Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	—
4.	Number of dwelling-houses in respect of which Demolition Orders were made	—

Wetherby Rural District Council.

REPORT

OF THE

SURVEYOR AND INSPECTOR OF NUISANCES

FOR THE

YEAR ENDING 31st DECEMBER, 1920.

Health Department,
Council Offices,
January, 1921.

To the Chairman and Members of the Wetherby Rural District Council.

Gentlemen,

I have the honour to submit for your information and consideration my Fourteenth Annual Report of the work carried out as your Surveyor and Inspector of Nuisances for the year ending December 31st, 1920.

The labour of the period under review has been very heavy, and much useful work has been accomplished as a perusal of the details appended will show.

With the exception of the years 1912 and 1913, when very extensive village sewerage schemes were completed and consequently facilities given for large numbers of houses to be entirely redrained, the past year will compare very favourably with any period of the last 20 years.

This is especially gratifying during a period of skilled labour shortage and high cost of everything connected with the repair and maintenance of property, and when most Authorities are complaining of the great difficulty in having repairs and sanitary works carried out.

I have made enquiries throughout the District and find that during 1920 the personnel employed in the Building and Allied Trades is equal to if not slightly more than that employed during 1914.

One important factor which must also be considered in relation to the amount of work carried out, is the limitation of rents which continued in operation until the passing of the "Increase of Rent and Mortgage Interest (Restrictions) Act 1920," dated July 2nd, 1920, at the same time the actual cost of repairs had increased three to four hundred per cent.

No new houses have been actually commenced in any of the Council's Housing Schemes; this is not as good progress as one anticipated a year ago.

However tenders were submitted early in December for the erection of 6 houses at Bramham, but these had not been accepted by the Housing Commissioner at the close of the year.

Nearly 8 acres of land have, however, been purchased, and over 13 acres approved by the Ministry of Health, and the conveyances of same were in hand at the end of December. As shewn in a detailed Table later these 21 acres of land are divided into no less than 23 separate sites, situated in 19 Parishes, and no further comment is required to show the difficulties and work involved in carrying out the above negotiations, which were in many instances more onerous to purchase a quarter of an acre than to negotiate the purchase of a 500 acre farmstead.

Private enterprise has proved energetic, however, and 17 houses were completed and occupied, whilst seven others were in course of erection at the end of the year.

The Increase of Rents Act has brought along further arduous duties.

There does not appear to be uniformity of opinion as to the correct interpretation of Clause (C) of Section (2) of the Act in regard to a house "being in all respects reasonably fit for human habitation, or otherwise in a reasonable state of repair."

Personally I feel and have acted thereon as follows, that a house to comply with the above should be free from the

various defects outlined in Chapter V of Volume I of the Ministry of Health's Manual dealing with unfit houses, giving of course due consideration to local conditions and traditions. In addition to the difficulties involved an amount of good has been accomplished by reasonably dealing with both tenant and owner to obtain the removal of unsatisfactory conditions in many houses.

During the year the Ministry of Health have sanctioned the adoption of the following Sections of the Public Health Acts Amendment Act 1907, which came into operation on the 14th of June, 1920, and should prove most useful in the future administration of the District.

(a) Part II (which relates to streets and buildings), other than Sections 15, 16, 17, 19, 21, 23, 26, and 27;

Part III (which relates to sanitary provisions), other than Sections 39, 40, 41, 42, 47, 48, and 51; and

Part IV (which relates to infectious diseases), other than Section 68

of the Act of 1907 shall be in force in the several contributory places within the District;

(b) Sections 15, 16, 17, and 27, comprised in Part II; Sections 39, 40, 41, 42, and 47, comprised in part III; and Sections 92, 93, and 94, comprised in Part X (miscellaneous provisions)

of the Act of 1907 shall be in force in the contributory place of Wetherby, within the District.

(c) Sections 15, 16, 17, and 27, comprised in Part II; and Sections 39, 40, 41, and 42, comprised in Part III; and Sections 92, 93, and 94, comprised in Part X

of the Act of 1907 shall be in force in the contributory place of Boston Spa, within the District.

(d) Sections 15, 16, 17, and 27, comprised in Part II; Sections 39, 40, 41, and 42, comprised in Part III

of the Act of 1907 shall be in force in the contributory places of Bramham-with-Oglethorpe, Clifford, and Thorner, within the District.

(e) Sections 39, 40, 41, and 42, comprised in Part III of the Act of 1907 shall be in force in the contributory places of East Keswick and Weeton, within the District.

(f) Sections 92 and 93, comprised in Part X
of the Act of 1907 shall be in force in the contributory place of Collingham, within the District.

The following Sections came into force on the 6th September, 1920:—

(a) Section 21 (which relates to the alteration of the names of streets) comprised in Part II

of the Act of 1907 shall be in force in the contributory place of Wetherby, within the District; and

(b) Section of 47 (which relates to public conveniences and lavatories), comprised in Part III

of the Act of 1907 shall be in force in the contributory place of Boston Spa, within the District.

During the year the Council decided that the provision of Public Lavatory Accommodation for the Parish of Wetherby was necessary and I have prepared plans in connection therewith, which I trust will be carried out during the coming twelve months.

It is pleasing to report that only a nominal amount of sickness and ill-health has prevailed, and although there has been a slight increase in the number of cases of Zymotic disease notified than in the two previous years, no other period on record has shewn less notifications with these exceptions, and your Council is to be congratulated upon the happy sequence of the last three years.

The general routine work has been carried out as usual with gratifying results.

Nuisances.

One outstanding feature of the year's work has been a reduction of the unabated nuisances.

At the close of 1919 there were 129 upon the books and during the year 396 were found, making a total of 525, and of these 438 were abated, leaving only 87 as outstanding at the close of the year.

Strenuous efforts were made to reduce these, Meetings of Sub-committees being held on the site to interview owners

in regard thereto, but monetary difficulties in some cases, and houses affected by the Housing Schemes in others, reduced progress to that shown above.

Several nuisances allowed to remain because of war conditions were abated, and in others pressure is now being brought to bear to clear away the nuisance.

There were 1,235 Letters, Preliminary and Legal Notices issued, of which only four were of the latter category.

An extension of over 200 yards of 6in. sewer was completed by the owner of 2 new houses at Thorner at a nominal cost to the Council, also a new 20ft. high by 6in. diameter ventilation column erected in connection therewith. This will greatly improve the ventilation of this length of sewer, due to the now favourable position of latter, and the sewer removed the necessity for the construction of cesspools.

At Clifford an extension of 55 yds. of 6in. sewer was completed, and enabled a large house to be entirely redrained, and efficient w.c. and bath accommodation provided in lieu of privies and a cesspool which adjoined the house near the larder and overflowed into an adjacent stream. A ventilation column in this Parish was removed and a ventilation shaft erected in a more suitable position.

Damage to sewage distributors at Wetherby Sewage Works caused by heavy floods was remedied.

A serious leakage at the Spofforth Sewage Works was noted during the year and proved to equal over two thousand gallons per hour, which is serious when the sewage has all to be pumped.

The leakage was located at the close of the year, but owing to the difficult position of same it had not been successfully dealt with.

None of the other sewage disposal works have given any serious trouble, and such minor details as have arisen have been satisfactorily dealt with.

Scavenging arrangements have again been carried out efficiently in all the eight Parishes where powers for same are in operation. This efficiency and the corresponding freedom

from complaints during the past two years has been a great mental relief after the difficulty and dissatisfaction which arose owing to war conditions.

House Drainage, Etc.

Twenty three houses were found upon examination and test to have defective drainage, and these premises were redrained. Many other drainage improvements were also carried out in connection with the alteration or addition to existing houses, and the conversion of privies to w.c.'s.

In connection therewith 254 new drains were constructed and 15 repaired, apart from the drainage work carried out in connection with the erection of new houses, which is not included in the above, also 57 new inspection and disconnection chambers were built.

During the year the number of conversions of privy middens and pail closets into water closets has been a very great improvement upon the previous four years, and is in fact the third largest total of any year in your area.

The abolition of these wretched filth impregnated receptacles, and replacement by well constructed water closets, will have a beneficial effect upon the health of the community.

During the five years prior to my taking up duty in the district, the average number of conversions per annum was 9-5. This I considered was too slow a rate of progress, and I immediately instituted a plan of campaign for their gradual abolition, taking a number of the worst in each Parish to commence with, and in the three following years the totals were 23, 48, and 50 respectively, an average of 41 per annum.

I now append a Table showing the amount of progress during the succeeding 10 years, which includes the full period of the war, and yet gives an average of over 47 per annum.

This is good progress in an Agricultural District, which is sparsely populated, there being on the average only one house to every 12.75 acres of land, and no single village in the whole 38 Parishes which can be considered to be Urban in character.

TABLE OF CONVERSIONS TO W.C.'s.

Year.	Privy Middens to W.C.	Pail Closets to W.C.	New W.C.'s.	Total.
1920	18	22	29	69
1919	12	2	21	35
1918	2	2	5	9
1917	2	10	5	17
1916	13	8	18	39
1915	32	23	23	78
1914	24	7	31	62
1913	19	12	12	43
1912	33	10	27	70
1911	16	10	23	49
	171	106	194	471

The foregoing list is exclusive of conveniences constructed in connection with new houses, of which the following are the numbers for 1920:—New W.C.'s 9, Earth Closets 5.

In addition to the above 20 Pail Closets and Water Closets were repaired, also 10 new Earth Closets erected, whilst 46 new galvanisd iron Dust Bins were provided.

House Construction and New Buildings.

Activity has been manifest during the year in regard to the construction of new houses and the repair of existing dwellings.

Forty nine sets of plans were approved dealing with 88 new buildings as outlined in the annexed Table; this compares with 43 buildings for which plans were approved during 1919.

Periodical inspections were made to all buildings work in hand and supervision exercised in regard to all matters covered by our Bye-laws.

TABLE GIVING DETAILS OF PLANS APPROVED.

No. of Plans.	Type of Building.	No. of such Buildings.
14	New Houses	22
5	Conversion into Houses	5
1	Conversion one House into two ...	1
8	Additions to Houses	8
6	New Cowsheds, Stables, &c. ...	37
5	New Workshops	5
4	Garages	4
2	Village Institutes	2
2	Memorial Crosses	2
1	Grandstand at Racecourse ...	1
1	Sewage Works	1
49		88

Fourteen of the new houses were completed and occupied during the year, also two conversions of large houses into separate dwellings, and one condemned house was reconstructed and occupied, thus making a total of 17 additional houses, which is certainly a useful acquisition.

Three of the above houses were completed in accordance with the Government Subsidy Scheme, and three were wooden erections put up under the Regulations for Relaxation of Building Bye-laws.

In addition to the above, four new houses were in course of erection, and four conversions into cottages were in course of construction, and also four alterations to existing houses were also completed and two others were being carried out at the close of the year.

There have been no luxury buildings with the exception of Grand Stand and Stables for the Race Committee, and these were almost entirely of wood, and the employees of the building trade have been usefully employed on erections connected with housing and health.

Housing and Town Planning Acts 1909 and 1919.

Ninety houses were examined during the year compared with 63 in the previous year.

There is little to add to the detailed resume in my last Report, as no Municipal Houses have been erected.

I append Table showing the amount, situation, and cost of land already purchased, etc.

LAND PURCHASED.

Position of Sites.	Area in Acres.	Purchase Price. £ s. d.	No. of Houses to be erected.
Boston Spa	1·205	... 200 0 0	... 10
Bramham	1·250	... 100 0 0	... 10
Clifford	·5	... 60 10 0	... 4
Deighton North ...	·25	... 25 0 0	... 2
Long Marston	·75	... 75 0 0	... 6
Spofforth-with-Stockeld.	3·644	... 350 0 0	... 24
	7·599		

SITES APPROVED AND AGREED TO PURCHASE.

Sites.	Acres.	Amount.	No. of Houses.
Bardsey-with-Rigton—			
No. 1 (East Rigton)	·5	... £30	... 4
No. 3 (Holme Farm) ...	·25	... 20	... 2
Bilton	1·25	... 50	... 10
Keswick East	1·0	... 80	... 8
Kirk Deighton	·75	... 95	... 6
Kirkby Overblow (Swindon) ...	·25	... 25	... 2
do. ...	·25	... 30	... 2
Ribston Little	·5	... 50	... 4
Rigton	·25	... 30	... 2
Walton	·46	... 50	... 4
Weeton (Huby)	1·0	... 200	... 8
do.	·5	... 50	... 4
Wetherby	4·823	... 725	... 30
Wighill	·5	... 40	... 4
Wigton (Holywell Lane) ...	·5	... 110	... 4
do. (Alwoodley Gates) ...	·5	... 40	... 4
Wike	·750	... 30	... 6
Wothersome	·25	... 20	... 2
	14·283		

IN NEGOTIATION.

Bardsey, Thorner, and Tockwith.

In October, 1919, it was estimated that private enterprise would probably erect 10 houses in the next three years. This was, of course, before the question of subsidized private erection was considered. The past year, as already shown, has provided 17 houses and others in hand.

One now looks forward with eager interest to the new Census figures which should be available during the current year, as if this proves the Local Census of 18 months ago, which gave a reduction of 1200 persons as compared with the 1911 Census, to be correct, it may have a tendency to modify or necessitate reconsideration of the distribution of our houses.

The following Table gives a detailed list of work carried out in improving existing houses.

SUMMARY OF WORK UNDER HOUSING ACTS.

Number of Houses Inspected	90
One Cottage at Kirkby Overblow condemned 1918 reconstructed and occupied 1920	1
No. of Houses condemned and closed 1916, and partially demolished 1920 (Bardsey)	1
No. of Houses condemned in 1914, but not yet closed and demolished (Spofforth)	18
No. of Houses condemned in 1914, but not yet closed and demolished (Thorner)	1
No. of Houses condemned in 1913, but not yet closed and demolished (Walton)	2
Damp Walls prevented	11
Walls repaired, pointed, etc.	12
Roofs, Spouts, repaired	9
Drainage and Conveniences, etc.	26
Dirty Houses	6
Houses found unsatisfactory	42
Total number of Houses closed during 1920	0

Rag and Flock Act, 1911.

Visits of inspection have been made to the Workshops where small re-upholstering is occasionally carried out, but practically no flock is kept on the premises and very little used in the district, and no action has been necessary thereon.

Water Supplies.

Careful attention has been given to the water supplies of the District.

Fourteen additional houses have been connected to the mains of the Wetherby District Water Company, one additional house has been connected to the Leeds Corporation mains, and five to your Council's own supply at Kirkby Overblow, making a total of 2,015 houses now having a definite piped supply laid on out of 3,527 in the whole District.

Seventeen samples were taken for analysis, and six of these were found to be seriously polluted and one to be suspicious.

Four of the former were condemned and the source of supply closed; two are still under consideration as a new supply is difficult to obtain, and the suspicious well has been thoroughly cleansed and a further sample is to be taken in the coming weeks.

At the Walton Head Waterworks, which supply Kirkby Overblow, slight difficulties have arisen in regard to the shortage of filtration plant used for the removal of iron from the water, but this should be overcome in the new year by the arrangements suggested.

Infection and Disinfection.

The period under review has been satisfactory considering the amount of Zymotic Disease in the country. Although there has been a slight increase over the two previous years, the number of cases has never previously been lower.

Thirty-nine cases were notified, of which 18 were Scarlet Fever, 14 cases of Diphtheria, 2 cases of Typhoid Fever, 4 cases of Erysipelas, and 1 case of Ophthalmia Neonatorum.

Tuberculosis Regulations, 1912.

There were only six cases notified, which is the same as a year ago, and as outlined in my last Report is much below the previous Returns.

All the cases were Pulmonary, and two of them were discharged soldiers.

PUBLIC HEALTH (PNEUMONIA, MALARIA, DYSENTRY, Etc.) REGULATIONS, 1919.

The number of cases reported under this head are as follows:—

Acute Pneumonia	–
Influenzal Pneumonia	3
Influenzal Broncho Pneumonia	8
Lobar Pneumonia...	9
	20

There were no notifications of either Dysentry or Malaria.

Dairies, Cowsheds, Etc.

212 visits of inspection were made to the Registered Cowsheds, etc., and a certain amount of trouble experienced in regard to cleanliness, as due to shortage of labour during the war the standard was much lowered, and it will take some time with the enhanced cost of labour to get the farmers up to the high standard of cleanliness we had attained prior to 1914.

Three Cowsheds were closed during the year, leaving 145 now upon the Register.

Food and Drugs Act.

I am again indebted to Dr. J. R. Kaye, the County Council Medical Officer of Health, for the valuable Table below in regard to the samples taken by the County Inspector in your District, and I herewith express my thanks for the same.

LIST OF SAMPLES taken under Food and Drugs Acts by County Food and Drug Inspector in Wetherby Rural District during 1920.

No. of Samples.	Nature of Sample.	Result.
11	Milk	Genuine.
1	„	Contained 96% of minimum proportion of fat. Caution.
1	„	Contained 91.3% of minimum proportion of fat. Caution.
1	Glycerine	Genuine.
1	Baking Powder	„
6	Margarine	„
1	Corn Flour	Doubtful. No action.
1	Ground Rice	Genuine.
2	Blanc Mange Powder	„
1	Compound Liquorice Powder	„
3	Bun Flour	„
1	"Country Eggs"	„
1	Olive Oil	„
1	Cream of Tartar	„
1	Cake Flour	„
1	Iron and Amn. Citrate	„
1	Spirits of Solvolatile	„
1	Sweet Spirits of Nitre	„
1	Precipitated Sulphur	„
1	Treacle	„
2	Pepper	„
1	Castor Oil	„
1	Custard Powder	„
1	Malt Vinegar	„
1	Epsom Salts	„
1	Yorkshire Pudding Powder	„
45	Total Number of Samples taken.	

Slaughterhouses and Food Inspection.

There were 187 visits of inspection to the 25 Slaughterhouses in your District, 17 of which have been used during the year for Slaughtering, as compared with eight during the previous year.

They have been kept in a clean condition.

One carcase of a cow weighing 64 stone and suffering from Tuberculosis of the pluera lungs and peritoneum, was condemned, also one of a cow weighing 44 stone and suffering from generalised tuberculosis of the lungs and cirrhosis of the liver was condemned. The carcases were both dealt with in the manner described in my last Report.

Two pigs were also condemned and destroyed by the Police in connection with an isolated outbreak of Swine Fever.

Workshops.

157 visits of inspection were made to the 101 Workshops upon the Register. Three new Motor Workshops were opened during the year, one of which closed again in December, also one Bakehouse and one Blouse Factory were closed, leaving at end of the year actually registered 98, which are shewn in Table annexed.

TABLE OF WORKSHOPS.

Bakers, &c.	14	Joiners	14
Boot Repairers	8	Laundries	12
Blacksmiths	9	Plumbers & Tinners ...	5
Blouse & Shirt Factories.	1	Painting Work	2
Coopers	1	Saddlers	5
Dressmakers	10	Sawmills	1
Engineers (Motor) ...	6	Tailors	10
			98

House Scavenging.

I have already mentioned that this work has been carried out in a satisfactory manner, and no further comment is necessary except to give Table of loads removed.

LOADS REMOVED—ASHPITS.

	1911.	1912.	1913.	1914	1915.	1916.	1917.	1918.	1919.	1920.
Boston Spa ...	708	755	775	763	740	789	782	707	659	615
Bramham ...	270	239	251	204	259	285	337	—	209	263
Clifford... ...	170	153	234	267	274	364	401	397	477	540
Thorner ...	350	342	397	445	427	384	437	401	378	414
Weeton ...	320	337	339	336	386	404	424	343	362	354
Wetherby ...	680	621	617	584	725	605	742	797	877	877
Collingham ...	233	233	194	213	193	212	199	227	259	261
Spofforth ...	—	—	118	120	103	89	72	62½	183	230

LOADS REMOVED—CESSPOOLS.

	1911.	1912.	1913.	1914.	1915.	1916.	1917.	1918.	1919.	1920.
Boston Spa.	7	—	4	—	4	16	4	—	8	8
Bramham ...	12	4	60	—	—	—	—	—	—	—
Clifford ...	1143	402	43	69	83	49	40	77	101	164
Thorner ...	51	73	78	62	74	71	35	77	33	37
Weeton ...	587	634	743	877	304	55	18	—	3	—
Wetherby ...	1894	1339	1271	1041	931	673	756	338	464	678
Collingham.	1626	1340	499	363	329	312	261	285	287	323
Spofforth ...	—	—	—	—	—	—	—	—	—	—

Sanitary Conditions of Theatres, Music Halls, Etc. (Circular No. 120).

In accordance with the above Circular, inspections have been made of the Public Buildings used for Concerts, Stage Plays, etc., in the District, and the direction of power through the Licensing Authority will undoubtedly be very beneficial in having such matters as insufficient lavatory accommodation and ventilation improved.

Petrol and Carbide of Calcium Regulations.

There has been a great increase in the number of Licenses granted for the above, and the amount of petrol that may be stored under such licenses has increased by 1,210 gallons.

The total amount covered by the issued licenses being 5,480 gallons of Petrol, and 9 tons 8 cwts. of Calcium Carbide.

No contraventions of the Regulations have been met with, and all holders appear to take careful steps to prevent any accident.

I again wish to express my best thanks to the Council, Medical Officer of Health, and the Staff for their generous assistance, which is a very great help in such a strenuous period as we are now passing through, in the satisfactory performance of my duties.

I am, Gentlemen,

Your obedient Servant,

THOS. V. GRAY.

Table of Nuisances Reported and Abated during the Year ending 31st December, 1920.

Houses Dirty	6
„ Overcrowded	4
„ Damp and Dilapidated	21
„ Badly Drained	23
„ Without sufficient Privy Accommodation	6
„ Dilapidated Privies	63
„ Drains temporarily stopped	66
„ Dilapidated Pumps	4
„ Want of Cesspools	0
„ Want of Water for Domestic Purposes	20
No. of Offensive Accumulations	4
„ Offensive Cowsheds, Stables, Pigsties, etc.	9
„ Pollutions to Rivers, Streams, etc.	1
„ House Drains removed from Streams, etc.	2
„ Polluted Wells	7
„ House Nuisances found	326
Total Number of Nuisances found	396
No. of House to House Inspections made under the Housing and Town Planning Act, 1909	90
„ Houses thoroughly inspected for Zymotic Disease ...	31
„ Other House Inspections (Drainage)	73
„ New House Inspections (for Certificate)	14
No. of Notices and Letters Served	1235
„ Dwelling-houses Cleansed	6
„ Dwelling-houses Overcrowded dealt with...	2
„ Privy Middens built	0
„ Old Privy Middens repaired	1
„ Old Privy Middens converted to Water Closets	18
„ „ „ „ to Pail Closets	6
„ Pail Closets converted to Water Closets	22
„ Pail Closets and Water Closets repaired	20
„ New Water Closets built	29
„ New Pail Closets built	10
„ New Galvanised Iron Dust Bins	46
„ New Drains constructed	254
„ Drains reconstructed	15
„ New Connections to Sewer	7

Table of Nuisances—Continued.

,,	New Inspection and Disconnection Chambers	57
,,	Drains Disconnected from Outfall...	239
,,	New Cesspools constructed	0
,,	Cesspools abolished	2
,,	Private or Public Wells abolished...	4
,,	,, ,, ,, cleansed	3
,,	,, ,, Pumps repaired	4
,,	Direct Pollutions to Rivers, Streams, etc., abated ...	2
,,	Offensive Accumulations removed...	4
,,	Backyards Concreted	5
,,	Cowsheds, Stables, etc., repaired or drained	9
,,	Slaughter-houses Visited (visits 180)	25
,,	Workshops Visited (visits 157)	96
,,	Cowsheds Visited (visits 212)	142
,,	Houses for work done	181
TOTAL Number of Nuisances Abated		438